



(1) **Supplementary EU - Type Examination Certificate No.4**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

FTZÚ 03 ATEX 0257X

(4) Product: **Instrument housing type S3-1**

(5) Manufacturer: **HACO Mess- und Regeltechnik GmbH**

(6) Address: **Am Heerbach 10, D-638 57 Waldaschaff, Germany**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 03 ATEX 0257X to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

(9) In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20.04.2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20.04.2016.

(10) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN ISO 80079-36:2016, EN IEC 60079-0:2018

If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

(11) The marking of the product shall include the following:

 **II 2G IIC T3 Gb**

(12) This certificate is valid till: **31.01.2029**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 31.01.2024

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**Physical-Technical Testing Institute
Ostrava - Radvanice**

(13) **Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 4
to FTZÚ 03 ATEX 0257X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Evaluation according to the mentioned standards.
- Extension of certificate validity.

The instrument housing type S3-1 is intended for installation of valve assembly with electric heating. The plastic housing consists of own two- piece plastic body with inspection glass window 310 x 230 mm. Inside of housing is installed valve assembly, type SB-2-SFP with electric heating HACO, type SH 90 with type of Ex- protection Ex db IIC T3 Gb. Alternatively valve assembly can be equipped by types SB-3-SFP or SB-5-SFP. These assemblies are equipped by stainless steel mechanical hand valves. Outside of instrument housing is positioned a terminal box type X.X1 with type of Ex-protection Ex eb IIC T6...T4 Gb. The housing is fixed on a steel bracket (support pipe 2").

Documentation was updated – see cl. (19).

Technical parameters:

Dimension of housing: 400 x 400 x 500 mm

Ambient temperature: -20°C ...+40°C

Service position: vertical, clamped to housing support pipe 2".

(16) Report Number: 03/0257/4

(17) Specific Conditions of Use:

1. The inspection glass window of the instrument housing is labelled with warning marking:
"WARNING - POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTION".

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (10) of this supplementary certificate.

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)


Schedule

(14) **Supplementary EU - Type Examination Certificate No. 4
to FTZÚ 03 ATEX 0257X**

(19) Drawings and Documents:

Number	Sheets	Date	Description
ATEX/S3-1/navod-2024	2	2024	User manual S3-1
SB-1/2024	3	23.01.2024	Ignition Hazard Assessment Report
S3-1-vybaveni-ATEX2023	1	24.01.2024	Drawing
SB 2 S FP	1	24.01.2024	Drawing
SB 3 S FP	1	24.01.2024	Drawing
SB-5- SFP	1	24.01.2024	Drawing

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